

DETAILED ACTION

1. This office action is in response to the amendment after Final Rejection filed 07/02/12.

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Carl A. Kukkonen, III on July 10, 2012.

3. The application has been amended as follows:

IN THE CLAIMS

Claim 9 has been rewritten as bellows:

An apparatus comprising:

a wireless input/output (I/O) unit that is configured to establish a plurality of access points; and

signal transmission/reception coordination logic that is capable of ascertaining, by monitoring the plurality of access points for received signals, that a first access point of the plurality of access points is receiving a first signal and that is adapted to restrain at

Art Unit: 2476

least two other access points of the plurality of access points from transmitting signal responsive to the ascertaining that the first access point is receiving the first signal; wherein the signal transmission/reception coordination logic restrains at least one other access point of the plurality of access points from transmitting the other signal on a first channel responsive to the ascertaining that the access point of the plurality of access points is receiving the signal on a second different channel.

Canceled claim 17;

Claim 109 has been rewritten as bellows:

An apparatus comprising:

a wireless input/output (I/O) unit that is configured to establish a plurality of access points; and

signal transmission/reception coordination logic that restrains transmission from at least two access points when another access point is expecting a short-term response to a frame that was transmitted by said other access point;

wherein the signal transmission/reception coordination logic restrains at least one other access point of the plurality of access points from transmitting the other signal on a first channel responsive to the ascertaining that the access point of the plurality of access points is receiving the signal on a second different channel.

Allowable Subject Matter

4. Claims 9-14, 16, 20-26, 107-108, 109-115, 116, 117-122, 123-127, are allowed.

Art Unit: 2476

5. The following is a statement of reasons for the indication of allowable subject matter:

Claim 9 is allowed over the prior art or record since the cited reference taken individually or in combination fails to particular disclose the following limitations:

“wherein the signal transmission/reception coordination logic restrains at least one other access point of the plurality of access points from transmitting the other signal on a first channel responsive to the ascertaining that the access point of the plurality of access points is receiving the signal on a second different channel” and in combination with other limitations recited as specified in claim 9.

Claim 107 is allowed over the prior art or record since the cited reference taken individually or in combination fails to particular disclose the following limitations: “a second access point of the plurality of access points is receiving a second signal that is ongoing on a second channel, the signal transmission/reception coordination logic adapted to restrain at least a third access point of the plurality of access points from transmitting a third signal on a third channel responsive to the ascertaining that the first access point is receiving the first signal and that the second access point is receiving the second signal that is ongoing-on the second channel, wherein the restraining at least the third access point prevents degradation to the first and second signals ” and in combination with other limitations recited as specified in claim 107.

Claim 109 is allowed over the prior art or record since the cited reference taken individually or in combination fails to particular disclose the following limitations:

“wherein the signal transmission/reception coordination logic restrains at least one other access point of the plurality of access points from transmitting the other signal on a first channel responsive to the ascertaining that the access point of the plurality of access points is receiving the signal on a second different channel” and in combination with other limitations recited as specified in claim 109.

Claim 117 is allowed over the prior art or record since the cited reference taken individually or in combination fails to particular disclose the following limitations: “signal transmission/reception coordination logic that is capable of ascertaining, by monitoring the plurality of access points for received signals, that a first access point of the plurality of access points is receiving a first signal on a first channel and that is adapted to restrain at least a second access point of the plurality of access points from transmitting a second signal on a second channel different from the first channel responsive to the ascertaining that the first access point is receiving the first signal ” and in combination with other limitations recited as specified in claim 117.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to CHUONG T. HO whose telephone number is (571)272-3133. The examiner can normally be reached on 8:00 am to 4:00 pm.

Art Unit: 2476

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sheikh Ayaz can be reached on (571) 272-3795. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/CHUONG T HO/

Primary Examiner, Art Unit 2476